

3-002.02 CORRALITOS - PURISIMA HIGHLANDS

Basin Boundaries

Summary

The Purisima Highlands groundwater subbasin is located in the middle eastern portion of Santa Cruz County. The subbasin is oblong in shape and northwestern trending. It is bounded by the geologic contact of the moderately consolidated Pliocene marine sedimentary rocks with well consolidated marine Miocene/Oligocene sedimentary rocks to the east. The southern boundary is comprised of the Pajaro Valley Water Management Agency and the Central Water District. The western boundary generally follows the Zayante Fault. The basin boundary is defined by five (5) segments detailed in the descriptions below.

Segment Descriptions

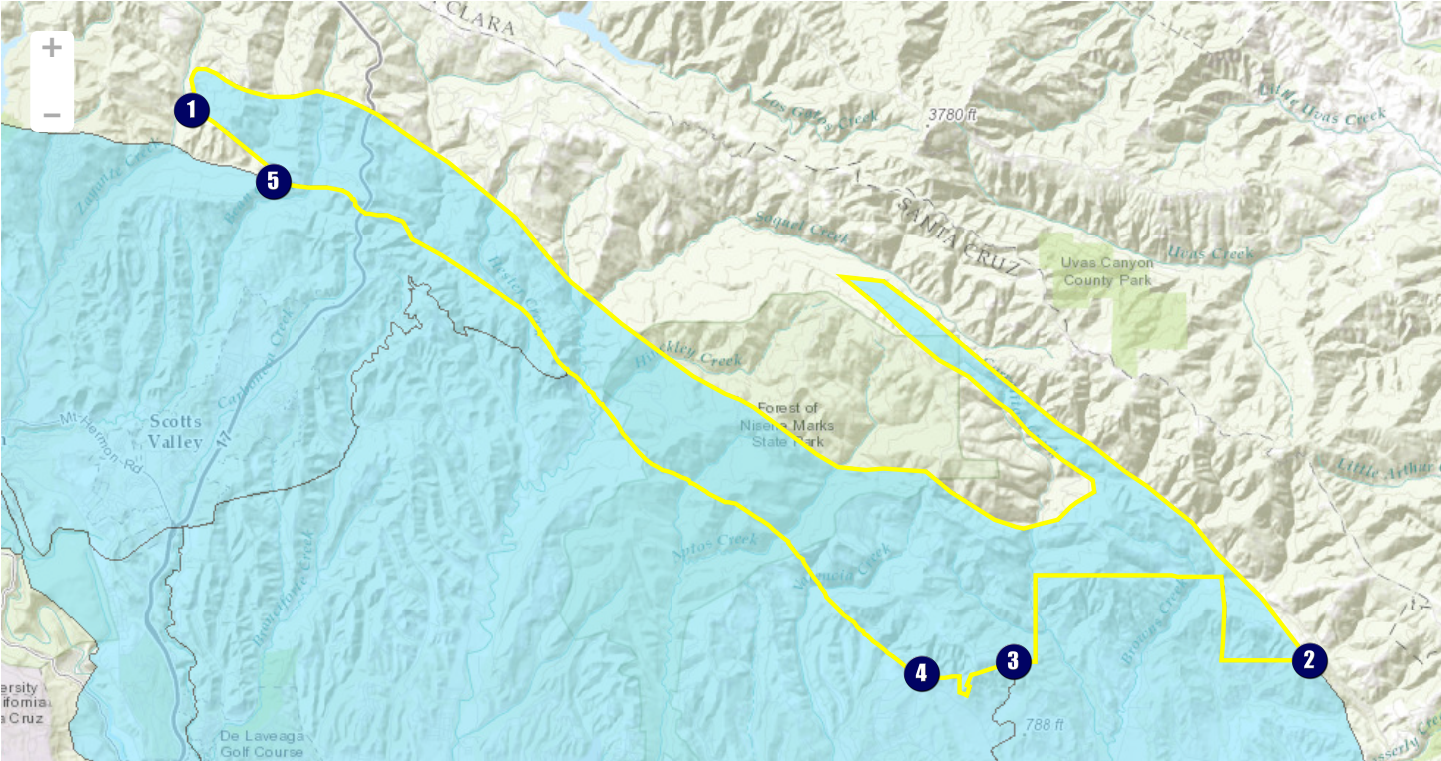
<u>Segment Label</u>	<u>Segment Type</u>	<u>Description</u>	<u>Ref</u>
1-2	^E Non-Alluvial	Begins from point (1) and follows the contact of moderately consolidated Pliocene marine sedimentary rocks with well consolidated Miocene/Oligocene marine sedimentary rocks to point (2).	{a}
2-3	Water Agency	Continues from point (2) and follows the Pajaro Valley Water Management Agency boundary to point (3).	{b}
3-4	Water Agency	Continues from point (3) and follows the Central Water District boundary to point (4).	{b}
4-5	Fault	Continues from point (4) and generally follows the Zayante Fault to point (5).	{c}
5-1	^E Non-Alluvial	Continues from point (6) and follows the contact of moderately consolidated Pliocene marine sedimentary rocks with well consolidated Oligocene sedimentary rocks to end at point (1).	{a}

Significant Coordinates

<u>Point</u>	<u>Latitude</u>	<u>Longitude</u>	
1	37.113687603	-122.017097392	
2	37.010617854	-121.754876256	
3	37.010366944	-121.824192619	
4	37.008158933	-121.845927884	
5	37.100123973	-121.99788331	

Map

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<http://sgma.water.ca.gov/bbat/?appid=160718113212&subbasinid=3-02.02>

References

Ref	Citation	Pub Date	Global ID
{a}	California Geological Survey (CGS), Geologic Map of California, Geologic Data Map No. 2, C. W. Jennings, C. Gutierrez, W. Bryant, G. Saucedo, and C. Wills. URL: http://maps.conservation.ca.gov/cgs/gmc/	2010	43
{b}	California Department of Water Resources (DWR), Water Agencies Dataset. URL: https://gis.water.ca.gov/app/bbat/	2016	48
{c}	California Geological Survey (CGS), Fault Activity Map of California, Geologic Data Map No. 6. URL: http://earthquake.usgs.gov/hazards/qfaults/	2010	40

Footnotes
I: Internal
E: External